



MI-CW2311

# Michigan Crop Weather

June 6, 2011

## Significant Planting Progress

Five days were suitable for fieldwork during the week ending June 5, according to the USDA, NASS, Michigan Field Office. Precipitation ranged from 0.35 inches to 0.50 inches in the Upper Peninsula and no rain to 0.24 inches in the Lower Peninsula. Temperatures ranged from 5 to 6 degrees above normal in the Upper Peninsula and ranged from 6 to 7 degrees above normal in the Lower Peninsula. Warm, dry weather allowed farmers to make headway planting. Winds also helped to dry up lighter soils; however, heavier soils were slow to dry. Between planting and harvesting, producers were able to catch up on spraying. Once planting is complete, farmers will focus on weed control.

## Field Crops

After a stormy start to the week in some areas, the weather settled down and farmers were able to get considerable time in fields. Good progress was made planting **corn** and **soybeans** as fields became dry enough to hold equipment. Several fields still had wet spots that growers had to plant around. Some operators started spraying after planting was wrapped up. Reports of potato leafhopper were found as first cuttings of **alfalfa** started. **Wheat** is heading out. **Sugarbeets** sustained some damage from high winds. **Dry bean** planting started in some areas. **Oats** and **barley** continued to look good.

## Fruit

Insects became more active as higher temperatures prevailed. **Apples** were 8 to 15 mm in diameter in the Grand Rapids area; fruit drop was heavy in the southwest. Plum curculio egg laying began. **Tart cherries** were in the shuck in the northwest and 10 mm in diameter in the southwest. **Sweet cherries** were 8 to 9 mm in the northwest. Juice **grape** shoots were 10 to 16 inches long in the southwest; northwest wine grapes were at late bud break to 6 inch shoots. Powdery mildew control has been vital during this wet season. **Blueberries** were in full bloom to petal fall and fruit set in the Grand Rapids area; there were small green fruit on early varieties like Bluetta in the southwest, where water was standing in many fields. **Strawberry** bloom ended in the southwest; there was some thumb-sized fruit in the southeast, where limited picking could begin late this week. **Pears** ranged from 8 mm in the northwest to 12 mm in the southwest, pear psylla egg laying was heavy. **Plums** were 6 to 10 mm in the south.

## Vegetables

Weather allowed farmers to get into vegetable fields and make progress on planting and other fieldwork. **Asparagus** harvest continued. Quality and yields have been good. **Sweet corn** emergence continued across the State. Current conditions stimulated growth. **Tomatoes** grown in tunnels were blooming and setting fruit. Open field planting continued. **Zucchini** and **squash** were developing nicely under tunnels in the southwest. Open field planting continued. **Pepper** planting continued but remained well behind schedule. **Pumpkins**, **squash**, **zucchini**, and **snap beans** for processing were being planted. In the southeast, early planted **cabbage** was beginning to show heads. Some early planted **carrots** were being replanted. **Onions**, **lettuce**, **red beets**, **peas**, and **leeks** looked good.

Soil moisture for week ending 06/05/11

Stratum	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	0	5	65	30
Subsoil	0	2	63	35

Crop condition for week ending 06/05/11

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
All Hay	1	3	17	55	24
Barley	0	1	29	65	5
Corn	3	6	29	52	10
Oats	0	2	21	63	14
Pasture	1	3	15	61	20
Winter Wheat	2	5	20	55	18

Crop progress for week ending 06/05/11

Crop	This week	Last week	Last year	5-year average
	Percent	Percent	Percent	Percent
All hay, first cutting	25	2	45	35
Asparagus, harvested	55	52	84	68
Barley, planted	93	80	100	98
Barley, emerged	85	49	97	90
Corn, planted	82	67	96	97
Corn, emerged	58	46	91	87
Dry beans, planted	17	1	36	24
Oats, planted	94	88	100	99
Oats, emerged	81	76	100	96
Oats, headed	2	NA	25	14
Potatoes, planted	91	82	95	94
Potatoes, emerged	50	21	78	66
Soybeans, planted	50	31	85	85
Soybeans, emerged	25	16	65	63
Sugarbeets, planted	98	96	100	100
Winter wheat, headed	64	8	88	75

Michigan Weather Summary for Week Ending 06/05/11 <sup>1</sup>

Station	Temperature			Cumulative growing degree days <sup>2</sup>			Precipitation					
	Maximum	Minimum	Departure from normal	2011	2010	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	83	36		338	514		0.78	1.11	3.07	6.77		
Marquette	84	36		320	489		0.25	0.76	3.14	7.72		
Stephenson	89	38		381	587		0.00	0.22	1.91	6.42		
Western UP	89	31	5	337	516	353	0.50	0.76	2.87	6.44	6.07	3.61
Cornell	84	39		302	547		0.29	1.08	2.70	6.16		
Sault St Marie	85	40		321	524		0.75	1.75	3.16	8.69		
Eastern UP	87	34	6	298	501	250	0.35	1.08	3.16	7.72	5.87	3.26
Beulah	86	43		450	603		0.25	0.83	3.66	10.77		
Lake City	87	41		442	585		0.00	0.34	2.74	8.97		
Old Mission	85	41		372	583		0.24	0.75	3.27	7.69		
Pellston	88	36		409	591		0.05	0.25	1.95	7.38		
Northwest	88	36	7	401	571	418	0.16	0.60	3.12	8.28	5.69	3.03
Alpena	93	38		358	564		0.00	0.86	2.91	9.57		
Houghton Lake	87	44		477	624		0.00	0.20	2.40	8.70		
Rogers City	92	41		281	527		0.06	0.53	1.75	6.36		
Northeast	93	38	6	392	595	392	0.05	0.51	2.16	8.33	5.67	2.90
Fremont	90	48		523	686		0.01	0.72	1.82	7.04		
Hart	86	46		461	627		0.00	0.67	1.57	5.89		
Muskegon	92	50		543	695		0.00	0.90	2.47	7.76		
West Central	92	34	7	493	655	477	0.00	0.72	1.98	6.90	6.34	2.94
Alma	89	47		475	703		0.14	0.98	3.86	9.61		
Big Rapids	88	45		449	632		0.19	1.15	3.42	12.17		
Central	91	45	7	480	669	517	0.15	1.15	3.45	9.15	6.39	3.36
Bad Axe	91	44		426	649		0.40	1.09	3.10	10.32		
Pigeon	92	45		446	655		0.48	0.96	2.21	8.16		
Saginaw	89	46		521	731		0.05	0.96	3.53	9.93		
Standish	90	44		424	630		0.24	0.86	2.56	9.76		
East Central	92	44	6	432	663	496	0.24	1.38	3.83	10.24	5.66	3.08
Fennville	89	52		519	694		0.00	3.24	4.65	10.19		
Grand Rapids	91	50		593	778		0.00	1.68	4.68	11.98		
Holland	90	54		623	778		0.00	2.45	6.48	12.35		
South Bend, IN	89	53		647	785		0.08	3.45	7.32	15.17		
Watervliet	88	52		575	747		0.04	2.69	5.04	11.28		
Southwest	92	41	7	579	752	556	0.08	2.56	5.07	11.28	6.91	3.55
Belding	90	42		513	686		0.00	1.70	3.76	10.48		
Coldwater	91	54		602	779		0.00	2.50	4.45	9.72		
Lansing	89	47		545	753		0.00	3.17	7.08	12.70		
South Central	91	42	7	543	733	557	0.02	2.55	5.84	11.67	6.65	3.57
Detroit	92	54		618	812		0.00	3.12	4.62	10.98		
Flint	90	50		571	746		0.04	2.18	7.59	13.40		
Romeo	91	42		500	684		0.01	2.19	7.56	12.38		
Tipton	95	50		582	741		0.00	2.78	4.67	11.48		
Toledo, OH	90	50		568	833		0.01	3.03	5.55	10.82		
Southeast	95	42	7	564	764	530	0.02	2.79	5.49	10.93	6.59	3.36

<sup>1</sup> Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

<sup>2</sup> Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.